

CLAIMS

1. An air conditioner, comprising:
a casing having an indoor space region and an outdoor space
5 region;
an indoor unit installed in the indoor space region, sucking air and
cooling the sucked air through a first heat exchanger;
an outdoor unit installed in the outdoor space region, sucking air
and releasing heat of the air to the outside through a second heat
10 exchanger; and
a turbo fan installed in the outdoor space region for generating air
flows so as to flow air to the second heat exchanger.

2. The air conditioner of claim 1, wherein the casing includes
15 a bottom region formed so as to make condensate water formed in the first
heat exchanger flow to the outdoor space region, the turbo fan is installed
perpendicular to the bottom region, and a hub having a scattering unit for
scattering condensate water gathered in the bottom region to the second
heat exchanger is further included.

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3. The air conditioner of claim 2, wherein the scattering unit
includes:
an extended portion extended from the lower portion of the hub
toward the bottom region; and

a scattering protrusion portion projected from the outer circumference of the extended portion.

4. The air conditioner of claim 3, wherein there are a plurality
5 of scattering protrusion portions.

5. The air conditioner of claim 3, wherein a scattering guide
portion is formed around the extended portion of the scattering unit in the
bottom region in order to make the condensate water be scattered to the
10 second heat exchanger more efficiently.

6. The air conditioner of claim 2, wherein a motor protecting
member is extended-formed in the bottom region in order to protect a
motor for driving the turbo fan from the scattered condensate water.

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7. The air conditioner of claim 3, wherein a plurality of
inclined portions are formed so as to be corresponded to the extended
portion of the scattering unit in the bottom region in order to make the
condensate water gather in the scattering unit installation portion.

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8. The air conditioner of claim 2, wherein a scattering
preventive portion is installed at part of the exterior of the scattering unit in
order to prevent the condensate water from being scattered to the indoor
space region.

9. The air conditioner of claim 1, wherein a cross flow fan is installed in the indoor space region.

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